INDEX TO VOLUME 12

The asterisk (*) preceding the page number indicates an original article in the Archives. Subject entries are made for all articles. Author entries are made for original articles and society transactions. Book Reviews, Obituaries and Society Transactions are indexed under these headings in their alphabetical order under the letters, B, O and S, respectively.

Abnormalities: See also under names of special structures of the eye and under names of diseases
"atrophia gyrata choroideae et retinae" in high-grade myopia, 283
case of bilateral congenital hydrophthalmos, acrocephalosyndactylia and other malformations, 944
congenital membranous ankyloblepharon, 943
conjunctival band simulating persistent nictitating membrane, 106
microphthalmos with congenital defect of lacrimal apparatus, 427
Abraham, S. V.: Amblyopia; classification with report of cases, *391
Abrams, N. R.: Ependymoma of third ventricle, report of case with extension into optic chiasm and with widespread vegetative manifestations, *693
Accommodation and Refraction: See also Astigmatism; Glasses; Myopia; etc.
accommodation time in hyperthyroidism, 784
binocular brightness summation in dark adaptation, *705
binocular unequal accommodation, 611
changes in refraction with hyperglycemia, 610
influence of ametropia on certain infections of adnexa of eye (lids, lacrimal tract), 278
influence of tonus on refraction and visual phenomena, 609
instrument for determining course of dark adaptation and for measuring minimum light threshold, *81
myopic fundus degeneration in anisometropia, 785
observations on accommodated lens, 118
ocular changes in pseudosclerosis (Kayser-Fleischer's ring, disturbance of accommodation and pupils, paralysis of upward motion of eyes), report of case, 605
Acetylcholine: See Choline and Choline Derivatives
Acne rosacea, ocular complications, 293, 432
Acrocephalosyndactylia, case of bilateral congenital hydrophthalmos, acrocephalosyndactylia and other malformations, 944
Adenoma, pituitary, relieved by operation, 297
Adenosarcoma of meibomian gland, *850
Adler, F. H.: Influence of fixation on visual acuity, *475
Adson, A. W.: Hemangio-endothelioma of orbit; removal through transcranial approach, *484
Unilateral central and annular scotoma produced by callus from fracture extending into optic canal; report of 2 cases, *500
Agatson, S. A.: Metastatic carcinoma of retina; report of case with pathologic observations, *359
Albuminuria retinitis in patient with closure of central retinal artery, 121
Allergy: See Anaphylaxis and Allergy
Alvis, B. Y.: Blepharochalasis, 986
Amaurosis: See Blindness
Amblyopia: See Blindness
Ametropia: See Accommodation and Refraction
Anaphylaxis and Allergy; experimental endophthalmitis phaco-anaphylactica in rabbits, *536
Anemia, tonometry in pernicious anemia, 952
Anesthesia, employment of percaine in ocular therapeutics, 794
improved anesthesia for operations on chalazions, 951
local, *240
local, preliminary report on, *473
pupillomotor effects of some modern local anesthetics, 274
report on clinical value of sodium salt of n-methyl-cyclo-hexanyl-methyl barbituric acid, 783
surface, in ophthalmology, comparison of some drugs used, *824
Aneurysm, pulsating exophthalmos due to internal carotid-jugular aneurysm; use of thorium dioxide in localization, 988
relation between intracranial racemose angioma or cirsoid aneurysm and tortuosity of retinal arteries, 271
Angioglioma: See Glioma
Angioid Streaks: See under Retina
Angioma, relation between intracranial racemose angioma or cirsoid aneurysm and tortuosity of retinal arteries, 271
treatment of palpebral angiomas by electrolysis and radium, 126
Angiomatosis of retina; results and conclusions, 614
Ankyloblepharon: See Eyelids
Anomalies: See Abnormalities
Antrum, mucocele of maxillary sinus, 117
pressure on optic nerve by carcinoma of maxillary sinus extending into cranial cavity, *366
Aphakia: See Lens, Crystalline
Apparatus: See also Instrument
lamp for determination and measurement of preferred intensity of light for reading and for other work, *45
new slit lamp, 264
Aqueous Humor and lens metabolism; iodine-reducing substances in aqueous and their relation to lens metabolism, 104
and lens metabolism; reduction potential of aqueous, 256
postmortem changes, 424
reducing property of, 445
vitamin C in, 956
Arachnoiditis, cerebral pseudotumors or chronic arachnoiditis, 439
chiasmatic, 779
swelling of nerve heads with arachnoiditis and unusual changes in visual fields, *167
Argyll Robertson Pupil: See under Pupil
Argyrosis: See under Silver
Arsenic, involvement of cornea in arsenic poisoning, report of case, *93
Arteries, carotis interna and optic nerve, 120
Retinal: See under Retina
Arteriosclerosis, relation between arteriosclerosis and glaucoma, 261
Ash, W. E.: Bilateral cavernous sinus thrombophlebitis without involvement of ophthalmic vein, report of case, *72
Asthenopia, diagnosis, *336
Astigmatism after operation for chalazion, 956
changes in, 784
lenticular, 785
very high astigmatism in keratoconus and post-cataract cases, 610
Autohemotherapy: See Hemotherapy
Automobile drivers, experimental researches on minimum visual acuity for automobile drivers, 124
Avitaminosis: See under Vitamin

Bacteria, Granulosis: See Trachoma
Bailey, J. H.: Improved cystotome, *580
Barr, A. S.: Essential (progressive) atrophy of iris; report of case, *567
Bedell, A. J.: Some comments regarding traumatic cataract, 135
Beigelman, M. N.: Acquired cysts of sclera, *188
Bellows, J. G.: Nature of photophobia, *380
Surface anesthesia in ophthalmology; comparison of some drugs used, *824
Benedict, W. L.: Hemangio-endothelioma of orbit; removal through transcranial approach, *484
Bielschowsky, A.: Divergence excess, *157
Divergence excess, reply to Marlow, 939
Motor anomalies of eyes; physiologic introduction, *805
Blepharitis: See under Eyelids
Blepharochalasis: See under Eyelids
Blepharospasm: See Eyelids, spasm
Blindness, amaurosis following topical application of ethyl hydrocupreine in acute septic sore throat, 968
amblyopia: classification with report of cases, *391
amblyopia, hysteric, 270
amblyopia squint, 114

Blindness—Continued
amblyopia, strabismus-amblyopia and its treatment, report of cases, 272
amblyopia, toxic, and accompanying physiological disturbances in carbon tetrachloride intoxication, 285
Color: See Color Blindness
fusion training in concomitant squint with reference to amblyopia, 132
hereditary, menace of, 600
Night: See Hemeralopia
quinine amaurosis treated with acetylcholine with recovery especially of temporal fields, 969
spontaneous, among monkeys, 427
Blood, cholesterol; important rôle of cholesterol in ocular pathology, 771
in experimental exophthalmos, 430
pressure, high, retinal vessels in, 959
pressure, high, vasomotor reaction of retina in experimental hypertension, 958
pressure in intra-ocular blood vessels, 276
rôle of polypeptides in albuminuric retinitis, 449
sugar, changes in refraction with hyperglycemia, 610
sugar content of rabbits during naphthalene poisoning, 430
vessels on lens in chronic iritis, *99
Bones, blue sclerotics, fragile bones and deafness, *60
formation in lens, 950

Book Reviews:
Atlas Fundus Oculi; W. H. Wilmer, 795
Atlas of External Diseases of Eye; H. Neame, 994
Bilder für stereoskopische Uebungen zum Gebrauch für Schielende; C. Dahlfeld, 626
Biomicroscopie de la conjonctive; A. Cuénod and R. Nataf, 463
Bulletin of Ophthalmological Society of Egypt, 462
Collected Reprints from the Wilmer Ophthalmological Institute of the Johns Hopkins University and Hospital: Volume III, January 1932 to June, 1933, inclusive, 148
External Diseases of Eye; D. T. Atkinson, 461
Histoire abrégée des vicissitudes et succès dans le traitement du décollement de la Rétine; N. Bercieux, 993
Lesions of Fundus of Eye Observed in Venezuela; J. M. Espino, 298
Manual of Diseases of Eye; C. H. May, 994
Neurology; R. R. Grinker, 796
Ocular Dioptrics and Lenses; G. F. Alexander, 991
Ophthalmological Service of Professor I. Barraquer; J. Moreno, 147
Seeing and Human Welfare; M. Luckiesh, 625
Stereoscopic Charts for Adults and Children; G. P. Guibor, 463
Stereoskopische Bilder für schielende Kinder; C. H. Sattler, 625
Thérapeutique homeopathique en ophtalmologie; D. Parenteau, 464
Traitement du décollement de la rétine, par la diathermo-coagulation pyrométrique; etude expérimentale et clinique; L. Coppez, 992
Twentieth Annual Report of Ophthalmic Section, Ministry of Interior, Egypt, 1932, 462

Brain, relation between intracranial racemose angioma or cirsoid aneurysm and tortuosity of retinal arteries, 271
tumor, cerebral pseudotumors or chronic arachnoiditis, 439
tumor, distortion of visual fields in brain tumor; field defects and hallucinations produced by tumors of occipital lobe, 270
tumor; ependymoma of third ventricle, report of case with extension into optic chiasm and with widespread vegetative manifestations, *693
tumor; ophthalmoscopic syndrome of Foster Kennedy with tumor of frontal lobe, 440
tumor; retinal arterial diastolic pressure in brain tumor and serous meningitis, 450
tumor, unilateral choked disk and olfactory disturbance; contribution to Foster Kennedy syndrome, report of case, 606
tumor; unilateral ophthalmoplegia totalis; parasellar osteochondroma, report of case, *877
Brown, A. L.: Chronic uveitis; bacteriologic and immunologic considerations, *730
Buphthalmos: See Hydrophthalmos
Burky, E. L.: Experimental endophthalmitis phaco-anaphylactica in rabbits, *536

Calcium gluconate in diseases of eye, 619
Callus, unilateral central and annular scotoma produced by callus from fracture extending into optic canal; report of 2 cases, *500
Cancer: See Epitheliomas; Sarcoma; etc.; and under names of special structures, i. e., Retina, cancer; etc.
Carbaminocholine: See Choline and Choline Derivatives
Carbon monoxide, case of gas poisoning with unusual complications, 968
tetrachloride, toxic amblyopia and accompanying physiological disturbances in carbon tetrachloride intoxication, 285
Castroviejo, R.: Micro-anatomy of eye with slit lamp and corneal microscope; comparative anatomy of angle of anterior chamber in living and dead eyes of mammalia, 620
Transplantation of cornea with presentation of case and moving picture of operative technic, 287
Cataract and changes in vitreous, choroid and retina, *341
and heterochromia, 793
anterior polar cataract representing special form of beginning senile cataract, 5 cases, 950
astigmatism in keratoconus and post-cataract cases, 610
biochemistry of lens; study of cataracta nigra and cataracta brunescens, 774
biochemistry of lens; water equilibrium in normal and cataractous lens, 774
cholesterol and ocular pathology, 771
diabetic, 265
diabetic, in infant, 436
diabetic, incidence and morphology in 103 young persons with diabetes, 986
enzyme-action in mechanism of cataract, 773
etiology, 602
extraction, cystotome for use in extracapsular extraction, *580
extraction; delimiting keratotomy, 140
extraction in hemophilia, report of case, 602
extraction, modification of corneal suture in, 438
extraction, results of cataract extraction by simple, combined and intracapsular methods, 128
extraction, use of corneal or conjunctival stitch in, 129
formations, identity of, 266
furnace workers' 776
glassblowers'; measurement of intensity of visible radiation of glass-furnace and its alleged influence in formation of glassblowers' cataract, 437
growth of corneal epithelium into anterior chamber, 433
influence of immunological factors in production, 602
intracapsular extraction, 129, 137, 437
lightning cataract, report of case, 603
metabolism of normal and cataractous lens, 601
platinum potential of lens in cataract, 112
radium; irradiation and cure of epithelioma of lid by radium with production of late radium cataract, 296
senile, mechanism of, 773
some impressions derived from my experiences of cataract work, 774
surgery to improve unfavorable results after extractions of cataracts, 442
traumatic, 135
Catarrh, Spring: See Conjunctivitis, vernal
Cerebrum: See Brain
Chalazions, anesthesia for operations on, 951
astigmatism after operation for, 956
refractive changes in, *238
Chancre, hard, of bulbar conjunctiva, 768
Chisholm, J. F., Jr.: New use for Elliot trephine handle, *580
Chlorosis with bilateral choked disk, star-shaped figure in macula and paralysis of left abducens, 111
Choked Disk: See Neuritis, optic

Cholesterol: See Blood, cholesterol
Choline and Choline Derivatives, experimental study of new miotic (carbaminocholine), 274, 607
quinine amaurosis treated with acetylcholine with recovery especially of temporal fields, 969
Chorioretinitis: See Retinochoroiditis
Choroid, "atrophia gyrata choroideae et retinae" in high-grade myopia, 283
atrophy without night blindness, 288
atypical coloboma of, 428
carcinoma, metastatic, of optic nerve and choroid, *86
detachment; spontaneous healing in detachment of choroid of unusually long standing following trephining after Elliot's method, 618
peculiar macular hole in retina and choroid, 450
sarcoma, 282
sarcoma of choroid in shrunken globe exhibiting fibrous formation about tumor, 692
sarcoma, 2 rare ophthalmoscopic findings in, 792
unusual glial masses in, 452
Christian-Schüller Syndrome: See Schüller-Christian Syndrome
Chromatopsia: See Color Perception
Cilia: See Eyelashes
Ciliary Body: See Iridocyclitis; Uvea
Clinic, Alfred Eichholz Memorial Clinic, 765
Coats' Disease: See Retinitis circinata
Cohen, M.: Experimental studies on swelling of vitreous gel and on intra-ocular pressure, *352
Collins, Treacher Collins Memorial Fund, 940
Coloboma, atypical, of choroid, 428
of ocular membranes, 3 cases, 943
Color Blindness, color sense of carriers of color-blind families, 594
possible explanation of 1 type, 425
Color Perception, diagnosis of chromatopsia, *340
intra-ocular color filters of vertebrates, 607
laws pertaining to color mixtures, 425
Colorimeter, use of fundus colorimeter, *228
Congresses: See under Societies
Conjunctiva, chancre, hard, of bulbar conjunctiva, 768
conjunctival band simulating persistent nictitating membrane, 106
hemorrhage, subconjunctival, as vicarious menstruation of conjunctiva; report of 2 cases, 595
histologic examination of conjunctiva in gonorrheal conjunctivitis, 105
histology of involvement of conjunctiva in summer prurigo, 768
lymphoid hypertrophy of conjunctiva with opaline follicles, 943
melanoma of conjunctiva, fatal termination, 623
micro-organism found for first time on human conjunctiva, 256
nevi, diagnosis of, 123
plasmocytoma, 791
singular lesion of bulbar conjunctiva followed by neo-epithelioma, 963
staphylococci found on normal conjunctiva of human eye, source of, 942
syphilitic disease, 104
tumor-like degenerations, 426
Conjunctivitis, dermato-ophthalmitis due to eyelash dye Lash-Lure, 601
etiologic diagnosis, *676
eyelash dye (Lash-Lure) dermatitis with conjunctivitis, 601
histologic findings in early cases of trachoma and of follicular conjunctivitis, 960
Parinaud's; conjunctivoglandular syndrome of Parinaud; report of case showing thread mold in sections, *518
purulent, in infants caused by atypical staphylococcus, 425
vernal, 286
vernal, formation of tubercles in spring catarrh, 767
vernal, functional study of vegetative nervous system in cases of spring catarrh, 105
vernal, permanent cure by cauterization with carbon dioxide snow, 595
vernal, treatment of, 767
Conjunctivoglandular syndrome of Parinaud, *518
Contact Glasses: See Glasses
Cornea, artificial ptosis for protection of, 954
chemical composition of proteins of, 259
ciliary muscle and Descemet's membrane, 593
conical; high astigmatism in keratoconus and post-cataract cases, 610
edema, chronic, 429
experimental grafts of devitalized corneal tissue, 457
experimental study of corneal vascularization, 770
experiments with inoculation of herpes virus, 599
familial degeneration, treatment and report of 2 cases of Groenouw type, 597
Foreign Bodies: See Foreign Bodies
grafts, microscopic appearances, 428
growth of corneal epithelium into anterior chamber, 433
hemorrhage; problem of corneal hemorrhage and glistening corpuscles, 258
herpetic kerato-iridocyclitis, 945
histochemistry of, 609
Inflammation: See Keratitis
involvement of cornea in arsenic poisoning, report of case, *93
new-formed tissue in anterior chamber resembling stroma of cornea, 948
opacity resembling spider's web seen on posterior surface of cornea, 260
peritomy to prevent gonorrheal complications of, 257
pigmentation; is pigment of Kayser-Fleischer corneal ring of silver? 770
pigmentation; Kayser-Fleischer ring in Wilson's disease, 269
pigmentation; ocular changes in pseudosclerosis (Kayser-Fleischer's ring, disturbance of accommodation and pupils, paralysis of upward motion of eyes), report of case, 605
pigmentation, question of silver pigment of Kayser-Fleischer corneal ring, 944
rust stains removed by dental bur with Elliot trephine handle, *580
staphyloma, excision of, 287
steatosis bulbi with reference to cornea, 607
surface areas of cornea and sclera in embryo and new-born and their relation to megalocornea in adult, 255
suture; modification of corneal suture in cataract extraction, 438
transplantation; technic of partial penetrating corneal transplantation, 945
transplantation, total, 115
transplantation with presentation of case and moving picture of operative technic, 287
ulceration following use of Lash-Lure, 601
ulcers and their treatment, 106
ulcers; treatment of relapsing corneal ulceration by modified peritomy, 458
variation in horizontal and vertical diameters of cornea and in surface areas of cornea and sclera in megalocornea, normal cornea and microcornea, 255
"white rings" in cornea, 107
Cowan, A.: Some factors concerned in correction of aphakia, *571
Cranium, fracture; unilateral central and annular scotoma produced by callus from fracture extending into optic canal; report of 2 cases, *500
ophthalmologic interpretation of rare findings with roentgenograms of skull, report of cases, 268
orbito-ocular lesions in fractures of, 783
pressure on optic nerve by carcinoma of maxillary sinus extending into cranial cavity, *366
unilateral exophthalmos in intracranial tumors with reference to its occurrence in meningiomas, 782
Crystalline Lens: See Lens, Crystalline
Cyanosis of retina in cerulean disease, 599
Cycloplegia: See Accommodation and Refraction
Cystotome, improved cystotome, *580
Cysts, acquired cysts of sclera, *188
of uveal layer of iris, 791
traumatic cysts of iris, 963

Dacryocystitis: See under Lacrimal Organs
Dacryocystorhinostomy: See Lacrimal Organs

Dark Adaptation: See Accommodation and Refraction
Davies, W. S.: Neoplasms of lacrimal gland with report of 2 cases, *33
Deafness, blue sclerotics, and fragile bones, *60
Degeneration, fatty, steatosis bulbi with reference to cornea, 607
Dental burr, Elliot trephine handle for, *580
Dermatitis of eyelids, 294
Dermatology, ophthalmologic conditions in, 292, 293, 294
Descemet's Membrane: See under Cornea
Dessoff, J.: Blue sclerotics, fragile bones and deafness, *60
Diabetes Mellitus, changes in refraction with hyperglycemia, 610
diabetic cataract, 265
diabetic cataract in infant, 436
diabetic cataract, incidence and morphology in 103 young persons with diabetes, 986
ocular complications found in study of 2,000 diabetic patients, 143
ocular complications of, 144, 431
rubeosis diabetica iridis (Salus), 419
Diathermy: See also under names of various diseases and organs, i. e., Retina, detachment; etc.
in diseases of eye, 284
Diet, effects on nature of ocular lesions produced by naphthalene, 109
Diethylaminomethylbenzodioxane: See Dioxane
Dillon, E. E.: Conjunctivoglandular syndrome of Parinaud; report of case showing thread mold in sections, *518
Dioxane, action of benzodioxane derivatives on experimental exophthalmos, 598
Diplopia, diagnosis, *341
from paresis of left external rectus, 295
Directory of ophthalmologic societies, 149, 299, 465, 627, 797, 995
Doggart, J. H.: Ophthalmology, 292
Doyne, P. G.: Unusual coloration of sclerotic coat, 295
Drake, R. L.: Ocular syphilis; binasal hemianopia associated with primary optic atrophy in tabes dorsalis, *583
Dropsy: See also Edema
primary glaucoma; symptom complex of epidemic dropsy, *1
Dyes, corneal ulceration following use of Lash-Lure, 601
damage to eyes by hair dye, 263
dermato-ophthalmitis due to eyelash dye Lash-Lure, 601
eyelash dye (Lash-Lure) dermatitis with conjunctivitis, 601
severe eye symptoms due to dyeing eyelashes, 601
Dyke, C. G.: Meningiomas attached to mesial part of sphenoid ridge with syndrome of unilateral optic atrophy, defect in visual field of same eye and changes in sella turcica and in shape of interpeduncular cistern after encephalography, *644
Dystrophia epithelialis lentis adiposa, 267

Ear: See also Deafness; Mastoid; etc.
minute, permanent annular scotomas after traffic accidents, and paracentral scotoma after electric examination of ear, report of cases, 283
Ectopia Lentis: See under Lens, Crystalline
Ectropion: See under Eyelids
Edema, chronic, of cornea, 429
Eggers, H.: Power of ophthalmic lenses, *753
Ehrlich-Türk line, diagnostic value in beginning iritis, 618
Eichholz, Alfred Eichholz Memorial Clinic, 765
Electric examination of ear, paracentral scotoma after, 283
Ellett, E. C.: Use of corneal or conjunctival stitch in cataract extraction, 129
Elliot Operation: See Glaucoma
trephine handle, new use of, *580
Elsberg, C. A.: Meningiomas attached to mesial part of sphenoid ridge with syndrome of unilateral optic atrophy, defect in visual field of same eye and changes in sella turcica and in shape of interpeduncular cistern after encephalography, *644
Embolism, fat, of eye, 612
Encephalitis: See also Encephalomyelitis
bilateral blepharospasm of encephalitic origin, 113
epidemic, ocular disturbances in, 270
Encephalomyelitis; ophthalmo-encephalomyelitis, report of 6 cases, 440
Endophthalmitis: See Iridocyclitis
Endovasculitis and perivasculitis of retinal vessels, 787
Ennema, M. C.: Ophthalmomyiasis subretinalis, *180
Entropion: See under Eyelids
Ependymoma of third ventricle, report of case with extension into optic chiasm and with widespread vegetative manifestations, *693
Ephedrine, treatment of myasthenia gravis with ephedrine, 966
Epicanthus: See under Eyelids
Epinephrine: See Suprarenal Preparations
Episcleritis: See under Sclera
Epitheliomas, irradiation and cure of epithelioma of lid by radium with production of late radium cataract, 296
of lids and their treatment by radium, 451
Esophoria: See Strabismus
Esotropia: See Strabismus
Ethmoid bone, osteoma of ethmoid, 295
cavity, lesions of contents of orbit during endonasal curetting of ethmoid cavity, report of 2 cases, 263
Ethyl hydrocupreine, amaurosis following topical application of ethyl hydrocupreine in acute septic sore throat, 968
morphine hydrochloride injections, effect on intra-ocular tension, 955
Exophoria: See Strabismus
Exophthalmos due to orbital metastases of sympathoma of suprarenal capsule, 615
experimental, action of benzodioxane derivatives on, 598
experimental, blood in, 430
intermittent, 116
pulsating, associated with congenital absence of superior orbital wall, report of 4 cases, 781
pulsating, due to internal carotid-jugular aneurysm; use of thorium dioxide in localization, 988
pulsating, treatment of, 781
retrogression after ovarian therapy, 116
unilateral exophthalmos in intracranial tumors with reference to its occurrence in meningiomas, 782
Eye: See also Abnormalities; Foreign Bodies; Tension; Vision; and under names of special structures and diseases
Accommodation: See Accommodation and Refraction; Astigmatism; Glasses; Hemeralopia; Myopia; etc.
anatomy; micro-anatomy of eye with slit lamp and corneal microscope: comparative anatomy of angle of anterior chamber in living and dead eyes of mammalia, 620
Anesthesia: See Anesthesia
Anomalies: See Abnormalities; and under names of special structures of the eye and diseases
bacteriology; micro-organism found for first time on human conjunctiva, 256
cancer, clinical symptoms, pathology and therapy of epibulbar carcinoma arising from pavement epithelium, 617
complications found in study of 2,000 diabetic patients, 143
complications of diabetes, 144
course of optic radiation in man, 942
Cysts: See Cysts
Diseases: See also under Endophthalmitis; Glaucoma; Ophthalmia; Trachoma; etc.
diseases, diagnosis, value of history and spontaneous statements of patient, *330
diseases, diathermy in, 284
diseases, important rôle of cholesterol in ocular pathology, 771
diseases, use of calcium gluconate, 619
embryologic and anatomic studies of school spur, 593
embryology; plastosomes of growing lens, 255
embryology; surface areas of cornea and sclera in embryo and new-born and their relation to megalocornea in adults, 255

Eye—Continued
embryology; variation in horizontal and vertical diameters of cornea and in surface areas of cornea and sclera in megalocornea, normal cornea and microcornea, 255
Examination: See also Accommodation and Refraction; Eye diseases; Vision; etc.
examination; interferometry in diagnosis of tuberculous iridocyclitis, 603
examination; ophthalmologic interpretation of rare findings with roentgenograms of skull, report of cases, 268
examination; ophthalmoscopic survey of eye, 777
examination; red-free ophthalmoscopy and indirect illumination of retina, 604
Foreign Body in: See Foreign Bodies
hemorrhages between posterior capsule of lens and anterior limiting membrane of vitreous, and formation of retrolenticular space, report of cases, 434
hereditary conditions of eye, prevention of, 772
human rods and cones, *914
in mongolian imbeciles, 261
infections, influence of ametropia on certain infections of adnexa of eye (lids, lacrimal tract), 278
Injuries due to eyelash dyes: See under Dyes
injury; sympathetic ophthalmia following subconjunctival rupture of exciting eye, 622
involvement in epidemic cerebrospinal meningitis, 441
larva in; ophthalmomyiasis subretinalis, *180
manifestations of disturbances of posterior cervical sympathetic, 439
manifestations of early disease elsewhere in body, 947
motor anomalies of eyes, physiologic introduction, *805
movements; divergence excess, *157, 591, 939
movements, foveal projection during ductions, *562
movements of eyes under cover; roentgenographic study, *525
Muscles: See also Heterophoria; Paralysis
muscles; ciliary muscle and Descemet's membrane, 593
muscles; combination functional, psychogenic and organic disturbances of motor apparatus of eyes, 953
muscles; musculus orbitalis in man, 767
muscles; musculus retractor bulbi (oculi) in carnivora and ungulata, 769
muscles; operation on levator muscle through incision of skin, 622
muscles, routine examination of muscles in practice, 983
neurology; spasm of face and lids in posterior cervical sympathetic syndrome, 113
orbito-ocular lesions in fractures of cranium, 783
pathology; new-formed tissue in anterior chamber resembling stroma of cornea, 948
phenomena following heating and cooling of superior cervical ganglion, 945
physiologic and therapeutic action of colloidal solutions of provitamin A in their local application to eye, 966
physiology; blood pressure in intra-ocular blood vessels, 276
physiology; effect of short wave light rays on retina of rabbit, 117
physiology; experimental investigation of ocular pressure and its relation to tone of vegetative system, 117
physiology; heat currents in anterior chamber, 277
physiology; influence of tonus on refraction and visual phenomena, 609
physiology; primary position of eyes, 275
physiology; retention of function by eyes in old age and after death, 784
physiology; retinal action potential with reference to response to intermittent stimulation, 443
physiology; visibility of ultraviolet rays, 275
ptosis; operation of levator muscle through incisions of skin, 622
repair and restoration of eye socket, *493
roentgen demonstration of Schlemm's canal in rabbit, 106

Eye—Continued
surgery; artificial ptosis for protection of cornea, 954
surgery; latent syphilis and postoperative ocular complications, 947
surgery; ligated suture, *377
surgery; little used but excellent method of approaching retrobulbar space, 606
surgery; repair and restoration of eye socket, *493
suture; automatic regulation of heating in electrical hot air sterilization of surgical eye instruments and silks for suture, 109
Tension: See Tension
Tuberculosis: See Tuberculosis
vegetative neurosis and eye, report of cases, 441
Eyelash Dyes: See under Dyes
modification of operation for entropion and trichiasis, 114
Eyelids, adenocarcinoma of meibomian gland, *850
amyotrophic ptosis (Fuchs), 777
artificial ptosis for protection of cornea, 954
blepharitis, dermatologic aspects, 292
blepharochalasis, 986
congenital membranous ankyloblepharon, 943
dermatitis, 294
distention cyst of meibomian duct, 460
epithelioma, irradiation and cure by radium with production of late radium cataract, 296
epitheliomas and their treatment by radium, 451
gumma of lower lid, 267
hemorrhage caused by exertion, 439
inflammatory ectropion and its treatment by complete tarsoconjunctival excision, 951
influence of ametropia on certain infections of adnexa of eye (lids, lacrimal tract), 278
modification of operation for entropion and trichiasis, 114
principles of plastic surgery of eyelid with reference to Hungarian school, *220
sarcoma; metaplasia of leiomyosarcoma to round cell sarcoma after repeated attempted excisions, *689
sensitive innervation of, 955
spasm; bilateral blepharospasm of encephalitis origin, 113
spasm of face and lids in posterior cervical sympathetic syndrome, 113
spasm of orbicularis in pathogenesis of some clinical forms of entropion and ectropion, 438
trachomatous hyperplasia of glands of Moll, 790
unexplained bilateral proptosis, 297

Face, spasm of face and lids in posterior cervical sympathetic syndrome, 113
Fatty degeneration; steatosis bulbi with reference to cornea, 607
Feldman, J. B.: Instrument for determining course of dark adaptation and for measuring minimum light threshold, *81
Ferguson, M. S. W.: Treatment of relapsing corneal ulceration by modified peritomy, 458
Ferree, C. E.: Lamp for determination and measurement of preferred intensity of light for reading and for other work, *45
Finkelman, I.: Pressure on optic nerve by carcinoma of maxillary sinus extending into cranial cavity, *366
Finlay, C. E.: Visual field defects in pregnancy, *207
Finnoff, W. C.: Clinical and experimental studies of spread of tuberculosis in eye, 141
Fitzwilliams, D.: Osteoma of ethmoid, 295
Fliegelman, M.: Influence of fixation on visual acuity, *475
Fluorescence, loss of fluorescence of lenses in ultraviolet rays, 266
Foreign Bodies, composition and magnetic qualities of various forms of steel commonly used in industry, *912
diagnosis, *344
Fovea centralis; foveal projection during ductions, *562
Fowler, J. G.: Universal perimeter, *910

Fundus colorimeter, *228
of eye in acute lupus erythematosus (erythema perstans), 432

Ganglion, cervical, ocular phenomena following heating and cooling of superior cervical ganglion, 945
Gas Poisoning: See Carbon monoxide
Gifford, S. R.: Conjunctivoglandular syndrome of Parinaud; report of case showing thread mold in sections, *518
Delimiting keratotomy, 140
W. C. Finnoff, 421
Gjessing, H. G. A.: Diagnosis of diseases of eye; value of history and spontaneous statements of patient, *330
Glasses, contact, 297
"myodisc" lens and bifocal lens, *235
power of ophthalmic lenses, *753
practical use of stenopeic slit lens, *101
Glaucoma: See also Hydrophthalmos; Tension
diagnosis, *334
diagnosis, clinical value of tolerance tests, 262
early recognition of simple noninflammatory glaucoma, *407
effect of unilateral operation on tension of fellow eye, 948
functional disturbance of sympathetic nerve in glaucoma with naevus flammeus, 112
later results of posterior scleral trephining in glaucoma secondary to iris block, 111
operation to control glaucoma; preliminary report, *325
postoperative infection 7 months after Elliot trephining in patient suffering from bilateral chronic glaucoma, 948
primary; symptom complex of epidemic dropsy, *1
relation between arteriosclerosis and glaucoma, 261
relationship of histamine and intra-ocular pressure, 771
spontaneous healing in detachment of choroid of unusually long standing following trephining after Elliot's method, 618
Glia: See Neuroglia
Glioma, case of angio-gliomatosis retinae with pathologic report, 279
retinae, unusual case, 618
Goiter: See also Thyroid
exophthalmic, without increased basal metabolic rate, 782
Gold salts, aurotherapy in scrofulous ophthalmias, 127
Goldstein, I.: Tumor of orbit in case of osteochondrofibrosarcomatosis, *201
Vernal catarrh, 286
Gonin's Operation: See Retina, detachment
Gonococcus, rôle of gonococcus in purulent ophthalmia in warm climates, *819
Gonorrhea, histologic examination of conjunctiva in gonorrheal conjunctivitis, 105
peritomy to prevent gonorrheal complications of cornea, report of case, 257
Gouterman, J. I.: Early recognition of simple noninflammatory glaucoma, *407
Gradle, H. S.: Delimiting keratotomy, 140
Gulbor, G. P.: Practical details in orthoptic treatment of strabismus, *887
Guist Operation: See Retina, detachment
Gumma of lower lid, 267

Hair Dyes: See under Dyes
Hagedoorn, A.: Adenocarcinoma of meibomian gland, *850
Hallucinations, hemianopic, report of case, 779
Hallum, A. V.: Involvement of cornea in arsenic poisoning, report of case, *93
Hamartoma, epibulbar, in case of hydrophthalmos, 616
Hamill, R. C.: Tubular vision, *345
Hand's Disease: See Schüller-Christian Syndrome
Hardy, L. H.: Orthoptic clinic of Fifth Avenue hospital, 133
Hartshorne, I.: Choroidal atrophy without night blindness, 288
Heller, I. M.: Case of double papillitis following mastoid operation, 623
Hemangio-endothelioma of orbit; removal through transcranial approach, *484
Hemeralopia, choroidal atrophy without night blindness, 288
Hemianopia, hemianopic hallucinations, report of case, 779
irregular quadrantal homonymous hemianopia, 125
ocular syphilis; binasal hemianopia associated with primary optic atrophy in tabes dorsalis, *583
quadrantal, noted 16 years after gunshot injury, 125
Hemochromatosis, retina in, 279
Hemophilia, extraction of cataract in hemophilia, report of case, 602
Hemotherapy, J. Meller's theory of sympathetic ophthalmia and Schleck's injections of patient's blood into anterior chamber, 126
Hereditary conditions of eye, prevention of, 772
Herpes, herpetic kerato-iridocyclitis, 945
virus, experiments with inoculation of, 599
zoster ophthalmicus, 271
Heterochromia: See under Iris
Heterophoria: See also Strabismus
surgical treatment of more unusual forms of squint and heterophoria with reference to end-results, 454
Heterotropia: See Strabismus
Hill, E.: W. C. Finnoff, 421
Histamine, relationship of histamine and intra-ocular pressure, 771
Holtash, F. J.: Practical use of stenopeic slit lens, *101
Howell, S. C.: Action of epinephrine on normal human eye, use of stronger solutions for instillation, *833
Hudson, A. C.: Hypernephroma of iris, 459
Hyaloid Membrane: See Vitreous
Hydrophthalmos, bilateral congenital hydrophthalmos, acrocephalosyndactylia and other malformations, 944
buphthalmos in identical twins, *751
epibulbar hamartoma in case of hydrophthalmos, 616
Hyperglycemia: See Blood sugar
Hypernephroma of iris, 459
Hyperpyrexia, Artificial: See Diathermy; and under names of various diseases
Hypertension: See Blood pressure, high; Tension
Hypophysis: See Pituitary Body
Hypopyon: See Cornea, ulcers; Keratitis
Hysteria, combination of functional psychogenic and organic disturbances of motor apparatus of eyes, 953
tubular vision as manifestation of, *345

Idiocy, amaurotic; infantile cerebromacular familial degeneration (Tay-Sachs' disease), 296
ocular findings in mongolian imbeciles, 261
Illuminating Gas: See Carbon monoxide
Illumination: See Lighting
Inflammation, Ocular: See Ophthalmia; and under special structures of eyes
Instruments: See also Apparatus
automatic regulation of heating in electrical hot air sterilization of surgical eye instruments and silks for suture, 109
Elliot trephine handle, new use for, *580
for determining course of dark adaptation and for measuring minimum light threshold, *81
hand slit lamp, 435
improved cystotome, *580
new anterior synechia knife, 264
perimeter for localization of retinal tears, 604
tangentometer; new, portable instrument for charting tangent screens at various distances, *403
universal perimeter, *910
use of fundus colorimeter, *228
Interferometry in diagnosis of tuberculous iridocyclitis, 603
Iodine-reducing substance; aqueous and lens metabolism; iodine-reducing substances in aqueous and their relation to lens metabolism, 104
Ionization, iontophoresis in ophthalmology, 967
Iridencleisis: See Glaucoma
Iridocyclitis: See also Ophthalmia, sympathetic
experimental endophthalmitis phaco-anaphylactica in rabbits, *536
herpetic kerato-iridocyclitis, 945

Iridocyclitis—Continued
tuberculous, interferometry in diagnosis of, 603
Iridodialysis: See Iris
Iris, atrophy; essential (progressive) report of case, *567
cyst of uveal layer of iris, 791
heterochromia and cataract, 793
hypernephroma, 459
inflammation; chronic iritis with blood vessels on lens, *99
inflammation; diagnostic value of Ehrlich-Türk line in beginning iritis, 618
inflammation; traumatic episcleral abscess with iritis limited to adjacent tissue; pathogenesis of sympathetic ophthalmia, 259
"inflammations" of iris and their care, 963
melanotic sarcoma of, 615
muscles, cooperation of, 445
physiology and pathology of pupil; kinematographic measuring of pupil and registration of motion of iris, 443
rubeosis diabetica iridis (Salus), 419
traumatic cysts of iris, 963
Tuberculosis: See under Iridocyclitis, tuberculous
Iritis: See under Iris

Jaffe, M.: Retinoblastoma; report of case with complete observations at autopsy, *319
Jameson, P. C.: Ligated suture, *377
Use of thyroxin in ophthalmology; its application as local agent and its action as metabolic alterative, *635
Juler, F.: Pituitary adenoma relieved by operation, 297

Katz, D.: Some principles of plastic surgery of eyelid with reference to Hungarian school, *220
Kayser-Fleischer Ring: See Cornea, pigmentation
Keegan, J. J.: Bilateral cavernous sinus thrombophlebitis without involvement of ophthalmic vein, report of case, *72
Keil, F. C.: Sympathetic ophthalmia following subconjunctival rupture of exciting eye, 622
Keloid, 294
Kennedy Syndrome: See Neuritis, optic
Keratitis bullosa, 944
due to mustard gas, 429
hypotony produced puncture of anterior chamber and its effect on purulent keratitis, 260
interstitial, adjuvant factors of, 596
interstitial, after injury; does treatment of congenital syphilis prevent development of interstitial keratitis? 260
nummularis dimmer, 430
progressive scleroperikeratitis (von Szily), case of, 108
striated superficial herpetic keratitis, report of cases, 108
Keratoconus: See Cornea, conical
Keratoplasty: See under Cornea
Keratotomy: See Cataract, extraction
Kiehle, F. A.: Buphthalmos in identical twins, *751
Killian, J. A.: Experimental studies on swelling of vitreous gel and on intra-ocular pressure, *352
King, E. F.: Unexplained bilateral proptosis, 297
Kirby, D. B.: Excision of staphyloma of cornea, 287
Operation of levator muscle through incisions of skin, 622
Kirwan, E. W. O'G.: Primary glaucoma; symptom complex of epidemic dropsy, *1
Knapp, A.: Some features of intracapsular extraction, 129
Koller, C.: Preliminary report on local anesthesia of eye, *473

Lacrimal Organs, calcification of tear gland as seen in roentgenogram, report of case, 265
dacryocystitis, relation between dacryocystitis and sinus disease, 949
dacryocystorhinostomy, intranasal, results of, 264
dacryocystorhinostomy, some remarks on 1,000 operations, 435
Lacrimal Organs—Continued
influence of ametropia on certain infections of adnexa of eye (lids, lacrimal tract), 278
microphthalmos with congenital defect of lacrimal apparatus, 427
neoplasms of lacrimal gland with report of 2 cases, *33
Lambert, R. K.: Method for study of retinal circulation, *868
Lamp for determination and measurement of preferred intensity of light for reading and for other work, *45
Langdon, H. M.: Fusion training in concomitant squint with reference to amblyopia, 132
Larieuse: See Dyes
La Rocca, V.: Alterations of retina in experimental toxic nephrosis, *509; correction, 796
Lash-Lure: See under Dyes
Law, F. W.: Calcium and parathyroid therapy in progressive myopia, 456
Lebensohn, J. E.: Nature of photophobia, *380
Leiomyosarcoma, sarcoma of eyelid; metaplasia of leiomyosarcoma to round cell sarcoma after repeated attempted excisions, *689
Lens, Crystalline, and aqueous metabolism; iodine-reducing substances in aqueous and their relation to lens metabolism, 104
aqueous metabolism; reduction potential of aqueous, 256
biochemistry; study of cataracta nigra and cataracta brunescens, 774
biochemistry; water equilibrium in normal and cataractous lens, 774
bone formation in, 950
chronic iritis with blood vessels on lens, *99
discission of, complete, 436
double refraction of, 113
dystrophia epithelialis lentis adiposa, report of case, 267
ectopia of lens inherited through 4 generations, 258
ectopia of lens with consideration of constitutional features, 950
experimental endophthalmitis phaco-anaphylactica in rabbits due to retained lens substance, *536
experimental researches on lens antigen therapy, 436
intracapsular extraction of crystalline lens containing foreign body, 265
involvement of vitreous and lens in certain diseases of eye, 111
lenticonus, anterior, 985
lenticonus, posterior, 428
loss of fluorescence of lenses in ultraviolet rays, 266
metabolism of normal and cataractous lens, 601
opacity, capsular and pyramidal, 112
plastosomes of growing lens, 255
platinum potential of lens in cataract, 112
proteins; possible influence of immunological factors in production of cataract, 602
retinal detachment in aphakia, 457
some factors concerned in correction of aphakia, *571
spectrographic researches on, 949
vitamin C in aqueous and lens, 956
Lenticonus: See Lens, Crystalline
Lenticular nucleus, Kayser-Fleischer ring in Wilson's disease, 269
Leptothricosis Conjunctivae: See Conjunctivitis, Parinaud's
Leukemia, orbital lymphoma in chronic lymphatic leukemia, 590
Levine, J.: Composition and magnetic qualities of various forms of steel commonly used in industry, *912
Pellagra as cause of optic neuritis, report of case, *902
Levitt, J. M.: Unilateral ophthalmoplegia totalis; parasellar osteochondroma, report of case, *877
Light, increased sensitivity to light produced by previous light stimulation, 609
instrument for determining course of dark adaptation and for measuring minimum light threshold, *81
perception; binocular brightness summation in dark adaptation, *705
perception; importance and technic of examination of light sense by medical advisor, 269

Light—Continued
photophobia, nature of, *380
Lighting, influence of illumination on visual acuity for white objects on black background, 964
lamp for determination and measurement of preferred intensity of light for reading and for other work, *45
Lightning cataract, report of case, 603
Lillie, W. I.: Unilateral central and annular scotoma produced by callus from fracture extending into optic canal; report of 2 cases, *500
Lister, A.: Tonic pupil, 296
Lister, W.: Hypernephroma of iris, 459
Lloyd, R. I.: Hereditary and familial degeneration of macula, 290
Lordan, J. P.: Orthoptic and surgical management of strabismus; report of 60 cases, *843
Lumbar Puncture: See Spinal puncture
Lung, bilateral cancer of uvea secondary to primary carcinoma of lung, 791
Lupus erythematosus, acute, fundus of eye in, (erythema perstans), 432
Lymphoma, orbital, in chronic lymphatic leukemia, 590
Lysozyme of tears, researches on, 276

MacCallan, A. F.: Rôle of gonococcus in purulent ophthalmia in warm climates, *819
McDannald, C. E.: Metastatic carcinoma of optic nerve and choroid, *86
Macula Lutea, chlorosis with bilateral choked disk, star-shaped figure in macula and paralysis of left abducens, 111
hereditary and familial degeneration, 290
hole at macula, 296
maculocerebral type of heredodegeneration of, 281
peculiar macular hole in retina and choroid, 450
Malaria, ophthalmic observations in 100 cases, 600
Marlow, F. W.: Divergence excess, 591
Mastoid, operation, case of double papillitis following, 623
Maxillary Sinus: See Antrum
Mayer, L. L.: Use of fundus colorimeter, *228
Mayou, M. S.: Surgical treatment of more unusual forms of squint and heterophoria with reference to end-results, 454
Megalocornea: See under Cornea
Meibomian Duct: See Eyelids
Melanoma of conjunctiva, fatal termination, 623
Melanosarcoma of optic disk, 616
Meningiomas attached to mesial part of sphenoid ridge with syndrome of unilateral optic atrophy, defect in visual field of same eye and changes in sella turcica and in shape of interpeduncular cistern after encephalography, *644
unilateral exophthalmos in intracranial tumors with reference to its occurence in meningiomas, 782
Meningitis, involvement of eyes in epidemic cerebrospinal meningitis, 441
serous and retinal brain tumor, arterial diastolic pressure in, 450
Menstruation, subconjunctival hemorrhage as vicarious menstruation of conjunctiva, report of 2 cases, 595
N-Methyl-cyclo-hexanyl-methyl, report on clinical value of sodium salt of n-methyl-cyclohexanyl-methyl barbituric acid, 783
Microphthalmos: See Abnormalities
Migraine, diagnosis of migraine-like symptoms, *338
ophthalmic, photopsias and pathogenesis of, 778
Miotics: See under Pupil
Moffatt, P. M.: Case of distention cyst of meibomian duct, 460
Moll's Glands: See under Eyelids
Mucocele of maxillary sinus, 117
Mumps: See Parotitis
Munson, E. S.: Chronic iritis with blood vessels on lens, *99
Muscles, Ocular: See Eye, muscles; Strabismus
Mustard gas, keratitis due to, 429
Myasthenia gravis, treatment with ephedrine, 966
Mycosis, case of acute mycosis of orbit, 954
Mydriasis: See under Pupils
Myiasis, ophthalmomyiasis subretinalis, *180
Myopia, "atrophia gyrata choroideae et retinae" in high-grade myopia, 283
control of school myopia, 446
"myodisc" lens and bifocal lens, *235
origin of, experimental proof, 109
progressive, calcium and parathyroid therapy in, 456

Naphthalene, effects of diet on nature of ocular lesions produced by naphthalene, 109
poisoning, blood sugar of rabbits during, 430
National Society for Prevention of Blindness, 765
Nephritis, alterations of retina in experimental toxic nephrosis, *509; correction, 796
Nephrosis: See Nephritis
Nerves, chlorosis with bilateral choked disk, star-shaped figure in macula and paralysis of left abducens, 111
functional disturbance of sympathetic nerve in glaucoma with naevus flammeus, 112
heads; swelling of nerve heads with arachnoiditis and unusual changes in visual fields, *167
optic; and carotis interna, 120
optic, and choroid, metastatic carcinoma of, *86
optic, atrophy, management of tabetic atrophy, 284
optic, atrophy; meningiomas attached to mesial part of sphenoid ridge with syndrome of unilateral optic atrophy, defect in visual field of same eye and changes in sella turcica and in shape of interpeduncular cistern after encephalography, *644
optic atrophy of angiospastic origin, report of case, 788
optic, atrophy; paracentesis of anterior chamber and injections of atropine as therapeutic aids in, 453
optic, atrophy, surgical treatment, 787
optic; case of double papillitis following mastoid operation, 623
optic; course of optic radiation in man, 942
optic, melanosarcoma of optic disk, 616
optic; ocular syphilis; binasal hemianopia associated with primary optic atrophy in tabes dorsalis, *583
optic; pressure on optic nerve by carcinoma of maxillary sinus extending into cranial cavity, *366
optic, so-called atrophic decoloration of disk, 280
optic; temporal atrophy in diseases in area of chiasm, 450
Nervous System, experimental investigation of ocular pressure and its relation to tone of vegetative system, 117
functional study of vegetative nervous system in cases of spring catarrh, 105
ocular manifestations of disturbances of posterior cervical sympathetic, 439
Neuritis, optic; chlorosis with bilateral choked disk, star-shaped figure in macula and paralysis of left abducens, 111
optic; congenital pseudopapilledema, 258
optic, due to pellagra, report of case, *902
optic; hemorrhagic neuroretinitis of dental origin, 957
optic, ophthalmoscopic syndrome of Foster Kennedy with tumor of frontal lobe, 440
optic; unilateral choked disk and olfactory disturbance; contribution to Foster Kennedy syndrome; report of case, 606
optic; unilateral choked disk due to chronic tonsillar infection, 110
Neurofibrillitis: See Retinochoroiditis
Neuroglia, unusual glial masses in choroid, 452
Neuroretinitis: See Neuritis, optic; Retinitis
Neurosis, vegetative and eye, report of cases, 441
Nevi, diagnosis of nevi of conjunctiva, 123
functional disturbance of sympathetic nerve in glaucoma with naevus flammeus, 112
Nevo-epithelioma, singular lesion of bulbar conjunctiva followed by nevo-epithelioma, 963
Newell, J. M.: Experimental studies on swelling of vitreous gel and on intra-ocular pressure, *352
Newell, R. R.: Movements of eyes under cover; roentgenographic study, *525

Newton, F. H.: Refractive changes in acute chalazia, *238
Night Blindness: See Hemeralopia
Nupercaine, employment of percain in ocular therapeutics, 794
in ophthalmology, 946
Nyctalopia: See Hemeralopia
Nystagmus, thirty-fourth contribution to knowledge of, 781

Obituaries:
Finnoff, W. C., 421
Posey, William Campbell, 931
O'Brien, C. S.: Diabetic cataract, incidence and morphology in 103 young persons with diabetes, 986
Local anesthesia, *240
Obrig, T. E.: "Myodisc" lens and bifocal lens, *235
O'Connor, G. B.: Repair and restoration of eye socket, *493
Ointment, ophthalmic, resorption of, 443
Ophthalmia: See also Conjunctivitis; Eye, diseases
rôle of gonococcus in purulent ophthalmia in warm climates, *819
scrofulous, aurotherapy in, 127
sympathetic, following subconjunctival rupture of exciting eye, 622
sympathetic, in light of newer experimental results, 966
sympathetic; J. Meller's theory of sympathetic ophthalmia and Schieck's injections of patient's blood into anterior chamber, 126
sympathetic, pathogenesis of, 259
Ophthalmologic societies, directory of, 149, 299, 465, 627, 797, 995
Ophthalmology, comparative; formation of rosettes in rat retina, 257
comparative; musculus retractor bulbi (oculi) in carnivora and ungulata, 769
comparative; ocular findings in Marek's paralysis of chickens, 769
comparative; retinal visual cells in man and fresh-water fish, 426
comparative; roentgen demonstration of Schlemm's canal in eye of rabbit, 106
dermatologic conditions in, 292
postgraduate, 254
Ophthalmomyiasis subretinalis, *180
Ophthalmoplegia, unilateral ophthalmoplegia totalis; parasellar osteochondroma, report of case, *877
Ophthalmoscopy: See Eye, examination
Opium, clinical observations on intra-ocular tension of opium habitués in Formosa, 273
Optic Canal, unilateral central and annular scotoma produced by callus from fracture extending into optic canal, report of 2 cases, *500
chiasm; chiasmal syndrome and disturbances of sellar region, 440
chiasm, ependymoma of third ventricle, report of case with extension into optic chiasm and with widespread vegetative manifestations, *693
chiasm, temporal atrophy of optic nerve in diseases in area of chiasm, 450
Disk; Optic Papilla: See Nerves, optic; Neuritis, optic
Nerve: See Nerves, optic
Optician, status in Europe, 941
Orbit, absence, congenital, of superior orbital wall associated with pulsating exophthalmos, 781
hemangio-endothelioma, removal through transcranial approach, *484
hemorrhage with vomiting, 274
hemorrhagic tumors of, 122
lesions of contents of orbit during endonasal curetting of ethmoid cavity, report of 2 cases, 263
little used but excellent method of approaching retrobulbar space, 606
lymphoma in chronic lymphatic leukemia, 590
mycosis, 954
orbito-ocular lesions in fractures of cranium, 783
tumors, criteria of operability in orbital tumors commonly considered inoperable, 452
tumors, in case of osteochondrofibrosarcomatosis, *201
tumors, mixed, 963
tumors of apex of orbit, syndrome of, 282
Osteochondrofibrosarcomatosis, tumor of orbit in case of, *201
Osteochondroma, unilateral ophthalmoplegia totalis; parasellar osteochondroma, report of case, *877
Osteoma of ethmoid, 295
Ovary extract, retrogression of exophthalmos after ovarian therapy, 116

Panophthalmitis: See Ophthalmia
Papilledema: See Neuritis, optic
Paralysis, abducens; chlorosis with bilateral choked disk, star-shaped figure in macula and paralysis of left abducens, 111
combination of functional psychogenic and organic disturbances of motor apparatus of eyes, 953
diplopia from paresis of left external rectus, 295
divergence, so-called, 273
Marek's paralysis of chickens, ocular findings in, 769
ocular changes in pseudosclerosis (Kayser-Fleischer's ring, disturbance of accommodation and pupils, paralysis of upward motion of eyes), report of case, 605
oculomotor nerve and hysteria, 953
Parker, W. R.: Results of cataract extraction by simple, combined and intracapsular methods, 128
Parotitis, ocular manifestation, 433
Paton, R. T.: Coat's disease, 289
Payne, B. F.: Metastatic carcinoma of optic nerve and choroid, *86
Peckham, R. H.: Foveal projection during ductions, *562
Pellagra as cause of optic neuritis, report of case, *902
Percain: See Nupercaine
Perimeter for localization of retinal tears, 604
universal perimeter, *910
Perimetry, history of, 453
new portable tangentometer, *403
Perivasculitis and endovasculitis of retinal vessels, 787
Peter, L. C.: Intracapsular extraction of cataract, 137
Photophobia: See under Light
Photopsia, pathogenesis of photopsias and of ophthalmic migraine, 778
Pierce, G. W.: Repair and restoration of eye socket, *493
Pituitary Body, adenoma relieved by operation, 297
tumor; chiasmal syndromes from hypophyseal tumor cured by roentgen therapy, 779
Plasmocytoma of conjunctiva, 791
Plastosomes of growing lens, 255
Polyopia, diagnosis, *341
Pregnancy, retinitis punctata albescens and retinitis pigmentosa as affected by pregnancy, 766
visual field defects in, *207
Pressure: See Tension
Proteins, chemical composition of proteins of cornea, 259
Provitamin A, physiologic and therapeutic action of colloidal solutions, 966
Prurigo, histology of involvement of conjunctiva in summer prurigo, 768
Pseudopapilledema: See Neuritis, optic
Pseudosclerosis, ocular changes in; Kayser-Fleischer's ring, disturbance of accommodation and pupils, paralysis of upward motion of eyes, report of case, 605
Pseudoxanthoma elasticum and angioid streaks of retina, 121
Psychoanalysis, psychogenetic disturbances of vision, *38
Psychogenetic distubances of vision, *38
Pterygium, melanotic sarcoma developing on, 122
morphologic study by means of slit lamp, 426
Ptosis: See Eyelids
Pugh, M.: Significance of false projection in squint, 459
Pugmire, C.: Buphthalmos in identical twins, *751
Pupil, experimental study of new miotic (carbaminocholine), 274, 607
ocular changes in pseudosclerosis (Kayser-Fleisher's ring, disturbance of accommodation and pupils, paralysis of upward motion of eyes), report of case, 605

Pupil—Continued
physiology and pathology; kinematographic measuring of pupil and registration of motion of iris, 443
pupillomotor effects of some modern local anesthetics, 274
tonic, 296
Purvis, V. B.: Infantile cerebromacular familial degeneration (Tay-Sachs' disease), 296
Irradiation and cure of epithelioma of lid by radium with production of late radium cataract, 296

Quinine amaurosis treated with acetylcholine with recovery especially of temporal fields, 969

Radium, irradiation and cure of epithelioma of lid by radium with production of late radium cataract, 296
Therapy: See under names of various diseases
Rand, G.: Lamp for determination and measurement of preferred intensity of light for reading and for other work, *45
Reading, lamp for determination and measurement of preferred intensity of light for reading and for other work, *45
Refraction: See Accommodation and Refraction
Research Study Club of Los Angeles, annual course, 765
Retina, abiotrophy, 456
alterations of, in experimental toxic nephrosis, *509; correction, 796
angio-gliomatosis retinae with pathologic report, 279
angioid streaks, 786
angioid streaks of fundus oculi, 447
angioid streaks of retina and pseudoxanthoma elasticum, 121
angiomatosis, results and conclusions, 614
arterial diastolic pressure in brain tumor and serous meningitis, 450
"atrophia gyrata choroideae et retinae" in high-grade myopia, 283
blood supply, endovasculitis and perivasculitis of retinal vessels, 787
blood supply; method for study of retinal circulation, *868
blood supply; relation between intracranial racemose angioma or cirsoid aneurysm and tortuosity of retinal arteries, 271
blood supply; retinal vessels in hypertension, 959
cancer, metastatic, report of case with pathologic observations, *359
congenital agenesis and hypoplasia of neuroepithelial layer of retina in albino mice, 427
cyanosis of, in cerulean disease, 599
detachment, anatomic examination of, 121
detachment, biomicroscopy of vitreous in, 787
detachment, clinical experiences with diathermic treatment, *709, 970
detachment, conditions which operative intervention must fulfil in, 447
detachment: evolution of ideas concerning detachment within last 5 years, 956
detachment, experiences with operative treatment of detachment of retina, Gonin or Weve operation, 613
detachment, experimental, 946
detachment, genesis of, 613
detachment, importance of vitreous in genesis of, 788
detachment in aphakia, 457
detachment; new devices and modification for diathermic operation and localization in separation of retina, 970
detachment; perimeter for localization of retinal tears, 604
detachment, personal experience in treatment; description of more recent operative procedures, 119
detachment, present operative treatment, 611
detachment, results of treatment by diathermy, 958
detachment, study of patients in Second Eye Clinic at Vienna who were operated on after Gonin or Guist during 1929-1931 and discharged unimproved, 959
detachment, sutures in treatment of, 449
detachment, technic of method of diathermy for, 612
Retina—Continued
detachment; technic of multiple micropuncture for treatment of separated retina; additional devices, 970
detachment treated with electrolysis needle, *842
detachment, use of pyrometric electrode in, 448
effect of short wave light rays on retina of rabbit, 117
glioma, unusual case of, 618
human rods and cones, *914
in hemochromatosis, 279
observations on retinal action potential with reference to response to intermittent stimulation, 443
peculiar macular hole in retina and choroid, 450
red-free ophthalmoscopy and indirect illumination of, 604
regeneration after operative removal, 280
rosettes in rat retina, formation of, 257
vasomotor reaction of retina in experimental hypertension, 958
visual cells in man and fresh-water fish, 426
vitamin A in, 276
Retinitis, albuminuric, in patient with closure of central retinal artery, 121
albuminuric, rôle of polypeptides in, 449
central retinitis, so-called, 960
circinata, Coats' disease, 289
hemorrhagic, vascularization of whole vitreous in case of hemorrhagic retinitis with retention of normal acuity of vision, 793
neuroretinitis, hemorrhagic, of dental origin, 957
pigmentosa and multiple sclerosis, report of case, 281
punctata albescens and retinitis pigmentosa as affected by pregnancy, 766
Retinoblastoma, report of case with complete observations at autopsy, *319
Retinochoroiditis, disseminated tuberculous chorioretinitis, 619
Reynolds, E. M.: Clinical and experimental studies of spread of tuberculosis in eye, 141
Rodin, F. H.: Family of squinters, *874
Movements of eyes under cover; roentgenographic study, *525
Rods and cones, human, *914
Roentgenograms, ophthalmologic interpretation of rare findings with roentgenograms of skull, report of cases, 268
Rones, B.: Anterior lenticonus, 985
Row, H.: Operation to control glaucoma; preliminary report, *325
Rubeosis diabetica iridis (Salus), 419

Sarcoma, melanosarcoma of optic disk, 616
melanotic, developing on pteryglum, 122
melanotic, of iris, 615
of choroid, 282
of choroid in shrunken globe exhibiting fibrous formation about tumor, 962
of choroid, 2 rare ophthalmoscopic findings in, 792
of eyelid; metaplasia of leiomyosarcoma to round cell sarcoma after repeated attempted excisions, *689
of uveal tract following trauma, 980
tumor of orbit in case of osteochondrofibrosarcomatosis, *201
Savin, L. H.: Diplopia from paresis of left external rectus, 295
Scarpa, Antonio, merits of Antonio Scarpa in field of ophthalmology, 434
Schlemm's canal, roentgen demonstration in eye of rabbit, 106
Schoenberg, M. J.: Retinal detachments; clinical experiences with diathermic treatment, *709, 970
Schüller-Christian Syndrome, Hand-Schüller-Christian syndrome, 261
Sclera, blue sclerotics, fragile bones and deafness, *60
case of progressive scleroperikeratitis (von Szily), 108
cysts, acquired, *188
embryologic and anatomic studies of scleral spur in human eye, 593
surface areas of cornea and sclera in embryo and new-born and their relation to megalocornea in adult, 255

Sclera—Continued
traumatic episcleral abscess with iritis limited to adjacent tissue; pathogenesis of sympathetic ophthalmia, 259
unusual coloration of sclerotic coat, 295
variation in horizontal and vertical diameters of cornea and in surface areas of cornea and sclera in megalocornea, normal cornea and microcornea, 255
Sclerosis, multiple and retinitis pigmentosa, report of case, 281
Scotoma, minute, permanent annular scrotomas after traffic accidents, and paracentral scotoma after electric examination of ear, report of cases, 283
unilateral central and annular scotoma produced by callus from fracture extending into optic canal, report of 2 cases, *500
Sella Turcica, chiasmal syndrome and disturbances of stellar region, 440
unilateral ophthalmoplegia totalis; parasellar osteochondroma, report of case, *877
Semon, H. C.: Dermatology, 293
Shaad, D. J.: Binocular brightness summation in dark adaptation, *705
Shapland, C. D.: Retinal detachment in aphakia, 457
Silver; argyrosis, unusual coloration of sclerotic coat, 295
pigment, question of silver pigment of Kayser-Fleischer corneal ring, 944
Sinus disease, relation between dacryocystitis and sinus disease, 949
Skiascopy: See Accommodation and Refraction
Slit-lamp, hand, 435
new, 264
Smell, unilateral choked disk and olfactory disturbance; contribution to Foster Kennedy syndrome, report of case, 606
Smith, A. J. D.: Keloid, 294
Smith, J. W.: Melanoma of conjunctiva, fatal termination, 623
Smoleroff, J. W.: Metastatic carcinoma of retina; report of case with pathologic observations, *359
Societies, directory of ophthalmologic societies, 149, 299, 465, 627, 797, 995
foreign, directory of, 149, 299, 465, 627, 797, 995
international, directory of, 149, 299, 465, 627, 797, 995
local, directory of, 152, 302, 468, 630, 800, 998
national, directory of, 149, 299, 465, 627, 797, 995
National Society for Prevention of Blindness, 765
ophthalmologic, directory of, 149, 299, 465, 627, 797, 995
sectional, directory of, 150, 300, 466, 628, 798, 996
state, directory of, 151, 301, 467, 629, 799, 997

Society Transactions:
American Academy of Ophthalmology and Otolaryngology, Section of Ophthalmology, 135
American Medical Association, Section on Ophthalmology, 970
College of Physicians of Philadelphia, Section on Ophthalmology, 128
Fourteenth International Ophthalmological Congress, 102
New York Academy of Medicine, Section of Ophthalmology, 286, 620
New York Academy of Medicine, Sections of Medicine and Ophthalmology, 143
Ophthalmological Society of United Kingdom, 454
Royal Society of Medicine, London, Section of Ophthalmology, 295, 459
Royal Society of Medicine, London, Sections of Ophthalmology and Dermatology, 292

Sorsby, A.: Retinal abiotrophy, 456
Spaeth, E. B.: Swelling of nerve heads with arachnoiditis and unusual changes in visual fields, *167
Spectacles: See Glasses
Sphenoid Bone, meningiomas attached to mesial part of sphenoid ridge with syndrome of unilateral optic atrophy, defect in visual field of same eye and changes in sella turcica and in shape of interpeduncular cistern after encephalography, *644
Spinal puncture, retinal arterial diastolic pressure in brain tumor and serous meningitis, 450
Spirochaeta icterohaemorrhagiae, ocular symptoms in infection with, 271
Squint: See Strabismus
Staphylococci, atypical purulent conjunctivitis in infants caused by, 425
source of staphylococci on normal conjunctiva of human eye, 942
Staphyloma of cornea, excision, 287
Steatosis: See Fatty degeneration
Steel, composition and magnetic qualities of various forms of steel commonly used in industry, *912
Stekel, W.: Psychogenetic disturbances of vision, *38
Stenopeic slit lens, practical use of, *101
Stereoscope, centenary of, 263
Sterilization, automatic regulation of heating in electrical hot air sterilization of surgical eye instruments and silks for suture, 109
Stieren, E.: Sarcoma of uveal tract following trauma, 980
Strabismus-amblyopia and its treatment, report of cases, 272
and avitaminosis, 780
diagnosis and treatment at Northwestern, 254
family of squinters, *874
fusion training in concomitant squint with reference to amblyopia, 132
ligated suture in operation for, *377
orthoptic and surgical management of strabismus, report of 60 cases, *843
orthoptic clinic of Fifth Avenue hospital, 133
orthoptic treatment, 953
orthoptic treatment, practical details, *887
paralytic alternating, of unknown origin, 272
recession operation for, 442
significance of false projection in, 459
squint amblyopia, 114
surgical treatment of more unusual forms of squint and heterophoria with reference to end-results, 454
when and how should one operate for convergent strabismus? *699
Suprarenal Preparations; action of epinephrine on normal human eye; use of stronger solutions for instillation, *833
Suprarenals, sympathoma of suprarenal capsule with ocular symptoms, 4 cases, 615
Suture: See Eye, surgery
Swab, C. M.: Ocular lesions resulting from thallium acetate poisoning as determined by experimental research, *547
Symblepharon: See under Eyelids
Sympathoma of suprarenal capsule with ocular symptoms, 4 cases, 615
Syphilis, congenital, does treatment prevent development of interstitial keratitis? interstitial keratitis after injury, 260
latent syphilis and postoperative ocular complications, 947
ocular binasal hemianopia associated with primary optic atrophy in tabes dorsalis, *583
syphilitic disease of conjunctiva, 104

Tabes dorsalis, management of tabetic optic atrophy, 284
ocular syphilis; binasal hemianopia associated with primary optic atrophy in tabes dorsalis, *583
Tangentometer, new portable instrument for charting tangent screens at various distances, *403
Tay-Sachs' Disease: See Idiocy, amaurotic
Tears, lysozym of, researches on, 276
Teeth, hemorrhagic neuroretinitis of dental origin, 957
Tension, effect of injections of ethyl morphine hydrochloride on intra-ocular tension, 955
intra-ocular tension of opium habitués in Formosa, clinical observations on, 273
ocular pressure and its relation to tone of vegetative system, experimental investigation of, 117
relationship of histamine and intra-ocular pressure, 771
swelling of vitreous gel and intra-ocular pressure, experimental studies on, *352
tonometry in pernicious anemia, 952
Terry, T. L.: Pulsating exophthalmos due to internal carotid-jugular aneurysm, use of thorium dioxide in localization, 988

Terry, T. L.—Continued
Sarcoma of eyelid; metaplasia of leiomyosarcoma to round cell sarcoma after repeated attempted excisions, *689
Thallium acetate poisoning, ocular lesions as determined by experimental research, *547
Thomas, T.: Experiment grafts of devitalized corneal tissue, 457
Thomasson, A. H.: Plea for greater uniformity in methods of field taking, *21
Thorium dioxide in locating pulsating exophthalmos due to internal carotid-jugular aneurysm, 988
Thrombophlebitis, bilateral cavernous sinus thrombophlebitis without involvement of ophthalmic vein, report of case, *72
Thygeson, P.: Etiologic diagnosis of conjunctivitis, *676
Nature of elementary and initial bodies of trachoma, *307
Thyroid, accommodation time in hyperthyroidism, 784
Thyroxine, use in ophthalmology, its application as local agent and its action as metabolic alterative, *635
Tonometry: See Tension
Tonsils, unilateral choked disk due to chronic tonsillar infection, 110
Trachoma, agglutinability of Bacterium granulosis in sera of trachoma patients, 790
direct transmission of human trachomatous lesions to various animals, 789
histologic findings in early cases of trachoma and of follicular conjunctivitis, 960
in wrestlers, *234
microbiologic etiology of, 121
nature of elementary and initial bodies, *307
recurrences and laws of true trachoma, 790
repeated expressions, 790
review of article in *Folia ophthalmologica orientalia*, 940
susceptibility of Rhesus monkeys to conjunctival infection by Bacterium granulosis under various experimental conditions, 789
trachomatous hyperplasia of glands of Moll, 790
transmissibility to monkeys, 451
Trichiasis: See Eyelashes
Trichinosis, ocular complications, 599
Troncoso, M. U.: Micro-anatomy of eye with slit lamp and corneal microscopy; comparative anatomy of angle of anterior chamber in living and dead eyes of mammalia, 620
Tuberculosis: See also under special structures of eye and names of diseases, as, Iridocyclitis, tuberculous; etc.
aurotherapy in scrofulous ophthalmias, 127
clinical and experimental studies of spread of tuberculosis in eye, 141
complement-fixation reaction in tuberculosis in diseases of eye, value of, 605
complement-fixation test, 424
experimental, of eye, 597
ocular, 110
Türk-Ehrlich line, diagnostic value in beginning iritis, 618
Tumors: See Angioma; Sarcoma; etc.; and under special structures of eyes
Twins, identical, buphthalmos in, *751

Ulcer: See Cornea, ulcer; etc.
Ultraviolet Rays, loss of fluorescence of lenses in, 266
visibility of, 275
Uvea, bilateral cancer secondary to primary carcinoma of lung, 791
Inflammation: See also Ophthalmia, sympathetic
inflammation, chronic uveitis, bacteriologic and immunologic considerations, *730
tract, sarcoma of uveal tract following trauma, 980
Uveitis: See Uvea, inflammation

Vision: See also Perimeter; Perimetry
acuity; influence of fixation on, *475
binocular vision of relief, 123
Color: See Color Perception
colored, anatomic and physiologic foundation, 594
distortion of visual fields in cases of brain tumor; field defects and hallucinations produced by tumors of occipital lobe, 270
Vision—Continued
experimental researches on minimum visual acuity for automobile drivers, 124
human rods and cones, *914
influence of illumination on visual acuity for white objects on black background, 964
influence of tonus on refraction and visual phenomena, 609
meningiomas attached to mesial part of sphenoid ridge with syndrome of unilateral optic atrophy, defect in visual field of same eye and changes sella turcica and in shape of interpeduncular cistern after encephalography, *644
plea for greater uniformity in methods of field taking, *21
psychogenetic disturbances, *38
sudden loss of, causes of, *339
swelling of nerve heads with arachnoiditis and unusual changes in visual fields, *167
tubular, *345
visual field defects in pregnancy, *207
visual field in vision of relief, 124
visual fields in various forms of vitamin A deficiency, 124
Vitamin A deficiency; visual fields in various forms of vitamin A deficiency, 124
A in retina, 276
C in aqueous and lens, 956
deficiency, and strabismus, 780
provitamin A; physiologic and therapeutic action of colloidal solutions of provitamin A in their local application, 966
Vitreous, affinity of vitreous body to dilute plasma gels, 964
and lens, involvement in certain diseases of eye, 111
experimental studies on swelling of vitreous gel and on intra-ocular pressure, *352
microscopic and ultramicroscopic structures of vitreous, 965
new vessel formation in, 793
pouch, prolapsed, hemorrhages with, 125
vascularization of whole vitreous in case of hemorrhagic retinitis with retention of normal acuity of vision, 793
viscous-elastic properties of vitreous body and its reaction to external forces, 965
Vogt, A.: Detachment of retina; treatment with electrolysis needle, *842
Vomiting, with orbital hemorrhage, 274
Vonderahe, A. R.: Ependymoma of third ventricle, report of case with extension into optic chiasm and with widespread vegetative manifestations, *693

Waite, J. H.: Ocular complications found in study of 2,000 diabetic patients, 143
Waldstein, E.: Rubeosis diabetica iridis (Salus), 419
Walker, C. B.: New devices and modification for diathermic operation and localization in separation of retina, 970
Technic of multiple micropuncture for treatment of separated retina; additional devices, 970
Walls, G. L.: Human rods and cones, *914
Wentworth, H. A.: Tangentometer; new portable instrument for charting tangent screens at various distances, *403
Wexler, D.: Tumor of orbit in case of osteochondrofibrosarcomatosis, *201
White, J. W.: Routine examination of muscles in practice, 983
When and how should one operate for convergent strabismus? *699
Wick, S.: Pressure on optic nerve by carcinoma of maxillary sinus extending into cranial cavity, *366
Wilder, R. M.: Symposium on ocular complications of diabetes, 144
Williamson-Noble, F. A.: Contact glasses, 297
Hole at macula, 296
Wilson's Disease: See Lenticular nucleus
Wrestlers, trachoma in, *234
Wright, R. E.: Orbital lymphoma in chronic lymphatic leukemia, 590
Retinitis punctata albescens and retinitis pigmentosa as affected by pregnancy, 766

Xanthelasma, rôle of cholesterol in, 771
Xanthomatosis: See Schüller-Christian Syndrome

Zentmayer, W.: Trachoma in wrestlers, *234